

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|------------------------------|------------------|---------|---------------------|
| S1 | 1 | "11544793" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 09:58 |
| S2 | 22750 | catheter and (guide or wire) and (plug or sponge or occlud\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:24 |
| S3 | 3857 | catheter same (guide or wire) same (plug or sponge or occlud\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:24 |
| S4 | 1371 | catheter same (guide near wire) same (plug or sponge or occlud\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:24 |
| S5 | 35 | catheter same (guide near wire) same sponge | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:25 |
| S6 | 6505 | vessel and catheter and (guide near wire) and (plug or sponge or occlud\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:28 |
| S7 | 2682 | vessel and catheter and (guide near wire) and (plug or sponge) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:29 |
| S8 | 584 | 623/23.72.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:33 |
| S9 | 41 | S2 and S8 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:33 |
| S10 | 1495 | 606/213,214.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:37 |
| S12 | 571 | S2 and S10 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:37 |
| S13 | 66215 | (hole or aperture) with bias \$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:39 |
| S14 | 11 | S12 and S13 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:39 |
| S15 | 15805 | (vessel or wound) same occlud\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:46 |

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|-----|--------|---|------------------------------|----|----|---------------------|
| S16 | 299 | S10 and S15 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:47 |
| S17 | 249481 | block\$4 with member | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:53 |
| S18 | 83 | S17 and (S8 or S10) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:53 |
| S19 | 127 | ("4890612" "4946468" "5021059" "5053096" "5092884" "5116357" "5141515" "5220928" "5222435" "5222974" "5254133" "5274074" "5282827" "5290217" "5312435" "5312794" "5342393" "5417699"). PN. OR ("5545178"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 10:57 |
| S20 | 6058 | Zhu.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 11:04 |
| S21 | 17 | S20 and (vessel same closure) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 11:04 |
| S22 | 123 | ("1064307" "20010018598" "20020002386" "20020072768" "20020077656" "20020077657" "20020147479" "20030023267" "20030045893" "20030050665" "20030078598" "20030158577" "20030158578" "20030167050" "3483870" "3518993" "3653388" "3893454" "3920021" "4317445" "4325376" "4351466" "4487204" "4492232" "4530698" "4534351" "4539990" "4585437" "4611595" "4616650" "4622970" "4738658" "4772266" "4821719" "4865593" "4889112" "4905267" "4917087" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 11:07 |

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| | | "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "4999235" "5002557" "5006106" "5015249" "5057083" "5114400" "5147381" "5176128" "5176129" "5242387" "5257979" "5259835" "5282827" "5297714" "5300065" "5306254" "5306259" "5352207" "5360397" "5383896" "5383899" "5407427" "5411520" "5417699" "5419765" "5423814" "5425746" "5437631" "5443484" "5445597" "5458131" "5486195" "5529577" "5531759" "5536251" "5545178" "5556375" "5620461" "5632727" "5645566" "5649911" "5649959" "5653730" "5662681" "5665106" "5665107" "5674231" "5676689" "5684042" "5725551" "5728132" "5759169" "5759194" "5810810" "5811091" "5843124" "5876387" "5895412" "5910155" "5944730" "5971956" "6004341" "6056768" "6060461" "6155265" "6197042" "6198016" "6277140" "6391048" "6425901" "6461364" "6508828" "6524326" "6623510" "6626918" "6632238"). PN. OR ("6890342"). URPN. | | | | |
| S23 | 115314 | (first near member) same (second near member) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 12:58 |
| S24 | 114439 | S23 and ("8" or "10") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 12:59 |
| S25 | 584 | 623/23.72.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 13:00 |

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| S26 | 1495 | 606/213,214.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 13:00 |
| S27 | 102 | S23 and (S25 or S26) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 13:00 |
| S28 | 123 | ("1064307" "20010018598" "20020002386" "20020072768" "20020077656" "20020077657" "20020147479" "20030023267" "20030045893" "20030050665" "20030078598" "20030158577" "20030158578" "20030167050" "3483870" "3518993" "3653388" "3893454" "3920021" "4317445" "4325376" "4351466" "4487204" "4492232" "4530698" "4534351" "4539990" "4585437" "4611595" "4616650" "4622970" "4738658" "4772266" "4821719" "4865593" "4889112" "4905267" "4917087" "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "4999235" "5002557" "5006106" "5015249" "5057083" "5114400" "5147381" "5176128" "5176129" "5242387" "5257979" "5259835" "5282827" "5297714" "5300065" "5306254" "5306259" "5352207" "5360397" "5383896" "5383899" "5407427" "5411520" "5417699" "5419765" "5423814" "5425746" "5437631" "5443484" "5445597" "5458131" "5486195" "5529577" "5531759" "5536251" "5545178" "5556375" "5620461" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:01 |

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| S29 | 23 | hemostatic same (seal or plug) same chitosan | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:11 |
| S30 | 1 | 10/013584 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:13 |
| S31 | 4 | ((("7335219") or ("5571181") or ("6063061") or ("6949114")).FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/24 15:16 |
| S32 | 57 | ("0939693" "3157524" "3364200" "3506008" "3520402" "3742955" "4016877" "4066083" "4215200" "4271070" "4412947" "4421504" "4515637" "4578067" "4744364" "4890612" "4891359" "5061274" "5108421" "5129882" "5156613" "5206028" "5308889" "5320639" "5456693").FN. OR ("5571181").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:22 |

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| S33 | 300 | "0581235" | "0939693" | US-PGPUB; | OR | ON | 2008/11/24 |
| | | "1578517" | "2086580" | USPAT; | | | 15:22 |
| | | "2465357" | "2492458" | USOCR | | | |
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| | | "2597011" | "2680442" | | | | |
| | | "2761446" | "2814294" | | | | |
| | | "2824092" | "2899362" | | | | |
| | | "3157524" | "3364200" | | | | |
| | | "3506008" | "3520402" | | | | |
| | | "3724465" | "3742955" | | | | |
| | | "4000741" | "4013078" | | | | |
| | | "4016877" | "4066083" | | | | |
| | | "4077409" | "4101380" | | | | |
| | | "4161948" | "4211323" | | | | |
| | | "4215200" | "4218155" | | | | |
| | | "4238480" | "4271070" | | | | |
| | | "4292972" | "4323072" | | | | |
| | | "4340066" | "4390018" | | | | |
| | | "4404970" | "4412947" | | | | |
| | | "4421504" | "4453939" | | | | |
| | | "4464468" | "4515637" | | | | |
| | | "4554156" | "4573576" | | | | |
| | | "4578067" | "4587969" | | | | |
| | | "4588395" | "4619261" | | | | |
| | | "4619913" | "4645488" | | | | |
| | | "4708718" | "4744364" | | | | |
| | | "4746514" | "4749689" | | | | |
| | | "4790819" | "4803075" | | | | |
| | | "4829994" | "4839345" | | | | |
| | | "4850960" | "4852568" | | | | |
| | | "4890612" | "4891359" | | | | |
| | | "4900303" | "4929246" | | | | |
| | | "4936835" | "4950234" | | | | |
| | | "5007895" | "5007916" | | | | |
| | | "5017229" | "5021059" | | | | |
| | | "5051406" | "5053046" | | | | |
| | | "5061274" | "5080655" | | | | |
| | | "5080893" | "5087244" | | | | |
| | | "5108421" | "5126141" | | | | |
| | | "5129882" | "5134229" | | | | |
| | | "5135751" | "5140016" | | | | |
| | | "5149540" | "5156613" | | | | |
| | | "5163904" | "5167624" | | | | |
| | | "5192300" | "5192301" | | | | |
| | | "5195988" | "5196185" | | | | |
| | | "5204382" | "5206028" | | | | |
| | | "5207670" | "5219328" | | | | |
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| | | "5254105" | "5269755" | | | | |
| | | "5275616" | "5279565" | | | | |
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| | | "5308889" | "5310407" | | | | |
| | | "5318524" | "5320639" | | | | |
| | | "5322515" | "5324306" | | | | |

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| "5334216" | "5350573" |
| "5352715" | "5366480" |
| "5370656" | "5383896" |
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| "5399361" | "5403278" |
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| ("5417699" | "5419765" |
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| "5431639" | "5437292" |
| "5437631" | "5437672" |
| "5443481" | "5456693" |
| "5462529" | "5467780" |
| "5478352" | "5479936" |
| "5486195" | "5490736" |
| "5507744" | "5514379" |
| "5516532" | "5520885" |
| "5522840" | "5522850" |
| "5526822" | "5527332" |
| "5529577" | "5531759" |
| "5540715" | "5542914" |
| "5545178" | "5554108" |
| "5558853" | "5567435" |
| "5583114" | "5591204" |
| "5591205" | "5599735" |
| "5601602" | "5601603" |
| "5611775" | "5618551" |
| "5626601" | "5626863" |
| "5645566" | "5645849" |
| "5649547" | "5653730" |
| "5665107" | "5672662" |
| "5676689" | "5681279" |
| "5716375" | "5725498" |
| "5733563" | "5739208" |
| "5741223" | "5759194" |
| "5769086" | "5769813" |
| "5775333" | "5782860" |
| "5782861" | "5791352" |
| "5800389" | "5810806" |
| "5824015" | "5830130" |
| "5843124" | "5844016" |
| "5858008" | "5858746" |
| "5868762" | "5874500" |
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| "5902310" | "5902832" |
| "5922009" | "5932462" |
| "5935147" | "5936035" |
| "5942209" | "5951583" |
| "5951589" | "5984950" |
| "5986043" | "5990237" |
| "6007563" | "6007613" |
| "6022336" | "6022361" |
| "6027471" | "6027482" |
| "6051248" | "6060582" |

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| S34 | 120 | ("0055008" "1071063" "1083532" "1577465" "2012164" "2388321" "2636647" "2752920" "3220413" "3223083" "3527841" "3559652" "3577516" "3772599" "4414976" "4545374" "4578055" "4606337" "4806614" "4829099" "4909251" "4981483" "4993948" "5011493" "5021059" "5141522" "5156613" "5158542" "5201712" "5201745" "5209776" "5219328" "5222939" "5236455" "5236563" "5292333" "5312355" "5324305" "5383896" "5383897" "5391183" "5395383" "5397311" "5431639"). PN. OR ("5653730"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:27 |
| S35 | 17 | ("4727730" "4929246" "5061274" "5192300" "5326350" "5376120" "5391183" "5443481" "5486195" "5496332" "5529577" "5653730" "5766206").PN. OR ("5906631").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 15:37 |
| S36 | 10350 | access same port same seal | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:10 |
| S37 | 0 | "604"/\$.clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:11 |

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|-----|-------|---|------------------------------|----|----|---------------------|
| S38 | 66112 | "606".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:11 |
| S39 | 81794 | "604".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:11 |
| S40 | 958 | S36 and S39 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:12 |
| S41 | 2 | S29 and S39 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:12 |
| S42 | 17 | (US-20050155608-\$ or US-20020072767-\$ or US-20050085856-\$ or US-20030109820-\$ or US-20060100664-\$).did. or (US-5129882-\$ or US-5192302-\$ or US-5292332-\$ or US-5342393-\$ or US-5370660-\$ or US-5437631-\$ or US-5545178-\$ or US-5350399-\$ or US-5649959-\$ or US-7331981-\$ or US-6613070-\$ or US-5906631-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/11/24 16:43 |
| S43 | 1 | S42 and hydrophilic | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:43 |
| S44 | 387 | S40 and vessel | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:49 |
| S45 | 18 | (wound near closure) and S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:50 |
| S46 | 25 | (wound same closure) and S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 16:54 |
| S47 | 10558 | hemostatic | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 17:02 |
| S48 | 2125 | hemostatic same (seal or plug) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 17:02 |
| S49 | 1 | "20020022822" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/24 17:06 |
| S50 | 0 | ("2002/0022822").URPN. | USPAT | OR | ON | 2008/11/24 17:06 |

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|-----|-------|--|------------------------------|----|----|---------------------|
| S51 | 1 | "20020022822" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 09:28 |
| S52 | 1 | "09904445" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 10:32 |
| S53 | 1754 | 606/213,214,215.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 11:01 |
| S54 | 1066 | S53 and vessel | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 11:02 |
| S55 | 116 | S54 and (hole or aperture) same plug | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 11:02 |
| S56 | 8 | chitosan near fleece | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 11:15 |
| S57 | 1 | "5437631".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:05 |
| S58 | 277 | chitosan near fiber | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:11 |
| S59 | 82 | S58 and vessel | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:13 |
| S60 | 77 | ("4838280" "5290310"). PN. OR ("5437631"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:23 |
| S61 | 14 | S60 and mesh | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:23 |
| S62 | 1 | "11551642" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/25 13:35 |
| S63 | 16321 | retractor | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/26 09:56 |
| S64 | 1754 | 606/213,214,215.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/26 09:56 |
| S65 | 81 | S63 and S64 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/26 09:56 |
| S66 | 1 | "6287323".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/19 10:45 |

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|-----|--------|--|------------------------------|----|-----|---------------------|
| S67 | 1 | "20030109820" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/19 10:45 |
| S68 | 316 | splittable same (catheter or sleeve or trocar) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:04 |
| S69 | 124 | splittable same (catheter or sleeve or trocar) same introducer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:07 |
| S70 | 531768 | expandable collar | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:21 |
| S71 | 633 | 623/23.72.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:22 |
| S72 | 113 | S70 and S71 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:22 |
| S73 | 1542 | expandable with collar | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:23 |
| S74 | 0 | S71 and S73 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 16:23 |
| S75 | 2 | ((("5658298") or ("6601604"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/28 17:54 |
| S76 | 24 | ("2738790" "4592355" "4813407" "4836205" "4874375" "5196022" "5211649" "5226429" "5242459" "5258007" "5300082" "5383882" "5391173" "5415666" "5447514" "5501654"). PN. OR ("5658298"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 18:02 |
| S77 | 23 | ("20030073880" "2163048" "3840018" "4118805" "4551862" "4592355" "4753086" "4881939" "5074868" "5226429" "5449368" "5601604" "5658298" "5704893" "5938669" "6074341" "6090131" "6102922" "6511490" "6547801" "RE36176"). PN. OR ("7060080"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/28 18:05 |

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|-----|---|-----------------------------------|------------------------------|----|-----|---------------------|
| S78 | 2 | ((("5160338") or ("5449368")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/29 13:32 |
|-----|---|-----------------------------------|------------------------------|----|-----|---------------------|

5/30/2009 3:01:02 PM

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